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|---------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------|-------------------------------|
| Form PTO-1449                                                                                     | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO.<br>501.42174VX1          | APPLICATION NO.<br>TBD        |
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>(Use several sheets if necessary) |                                                            | <b>APPLICANT</b><br>R. Furukawa, et al. |                               |
|                                                                                                   |                                                            | <b>FILING DATE</b><br>November 4, 2003  | <b>EXPECTED GROUP</b><br>2818 |

**U.S. PATENT DOCUMENTS**

| Examiner Initial | Document Number | Date      | Name       | Class             | Subclass | Filing Date |
|------------------|-----------------|-----------|------------|-------------------|----------|-------------|
| AM               | AA              | 6,417,052 | 7/9/2002   | Tsujikawa, et al. | 438      | 287         |
| MY               | AB              | 6,165,825 | 12/26/2000 | Odake             | 438      | 217         |
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|                  | AD              |           |            |                   |          |             |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initial | Document Number | Date        | Country    | Class | Subclass | Translation/Abstract |    |
|------------------|-----------------|-------------|------------|-------|----------|----------------------|----|
|                  |                 |             |            |       |          | Yes                  | No |
| MY               | AE              | 2000-188338 | 07/04/2000 | Japan |          | X                    |    |
|                  | AF              |             |            |       |          |                      |    |
|                  | AG              |             |            |       |          |                      |    |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|                               |                                  |
|-------------------------------|----------------------------------|
| AH                            |                                  |
| AI                            |                                  |
| <b>Examiner</b><br>Quia Huang | <b>Date Considered</b><br>7/2004 |

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